

What is claimed is:

1. An isolated DNA sequence encoding a polypeptide that is at least 80% identical with the sequence of amino acid residues selected from the group consisting of 1 to 442 of SEQ ID NO:2 and 1 to 423 of SEQ ID NO:4, the polypeptide being capable of binding to itself.

Claims 2-17 are cancelled.

18. An isolated antibody immunoreactive with LDCAM.

19. The antibody of claim 18, wherein LDCAM comprises SEQ ID NO:2.

20. The antibody of claim 18, wherein LDCAM comprises SEQ ID NO:4.